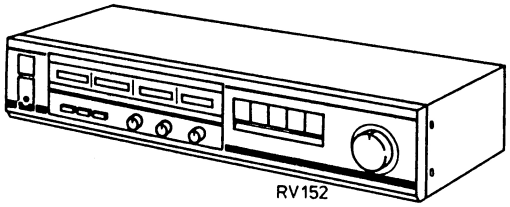
SIEMENS



System 152
Stereoverstärker RV 152
Stereo power amplifier RV 152

Kundendienstschrift
Service manual

Allgemeine technische Angaben

Netzteil

Energieversorgung: 220 V, 50...60 Hz

Maximale Leistungsaufnahme: 120 W

Sicherung: 1 x 800 mA; 250 V; träge
2 x 2 A; 250 V; träge
2 x 4 A; 250 V; träge

Verstärker

Ausgangsleistung: 2 x 20 W Sinus

Klirrfaktor (halbe Sinusleistung): 0,05 %

Leistungsbandbreite (K_3 = 1 %): 20 - 40000 Hz

Frequenzgang (± 3 db): 10 - 70000 Hz

Geräuschspannungsabstand: Tuner >80 db
TB/AUX >80 db
Phono >60 db

Anschlüsse

Buchsen	Eingang/ Ausgang/ Typ	Impedanz	Pegel
Kopfhörer, (phones)	A/Ø6,3	(8 - 2 kΩ)	
Lautsprecher	A/Klemmen	8	
Phono (magn)	E/Chinch	47 kΩ	2,5 mV
Tuner	E/Chinch	47 kΩ	150 mV
AUX/CD	E/Chinch	47 kΩ	150 mV
Tape in	E/Chinch	47 kΩ	150 mV
Tape out	A/Chinch	1 kΩ	500 mV
Power RH152	A/Koax	-	13,5 V
Power RC152	A/Koax	-	13,5 V

General Technical Data

Power supply unit

Mains voltage: 220 V, 50...60 Hz

Power consumption: 120 W

Fuse: 1 x 800 mA; 250 V slow-blowing
2 x 2 A; 250 V; slow-blowing
2 x 4 A; 250 V; slow-blowing

Amplifier

Power output: 2 x 20 W Sine

Distortion (half sinepower): 0.05 %

Power bandwidth (K_3 = 1 %): 20 - 40000 Hz

Frequency response (± 3 db): 10 - 70000 Hz

Signal-to-noise ratio (weighted): Tuner >80 db
TB/AUX >80 db
Phono >60 db

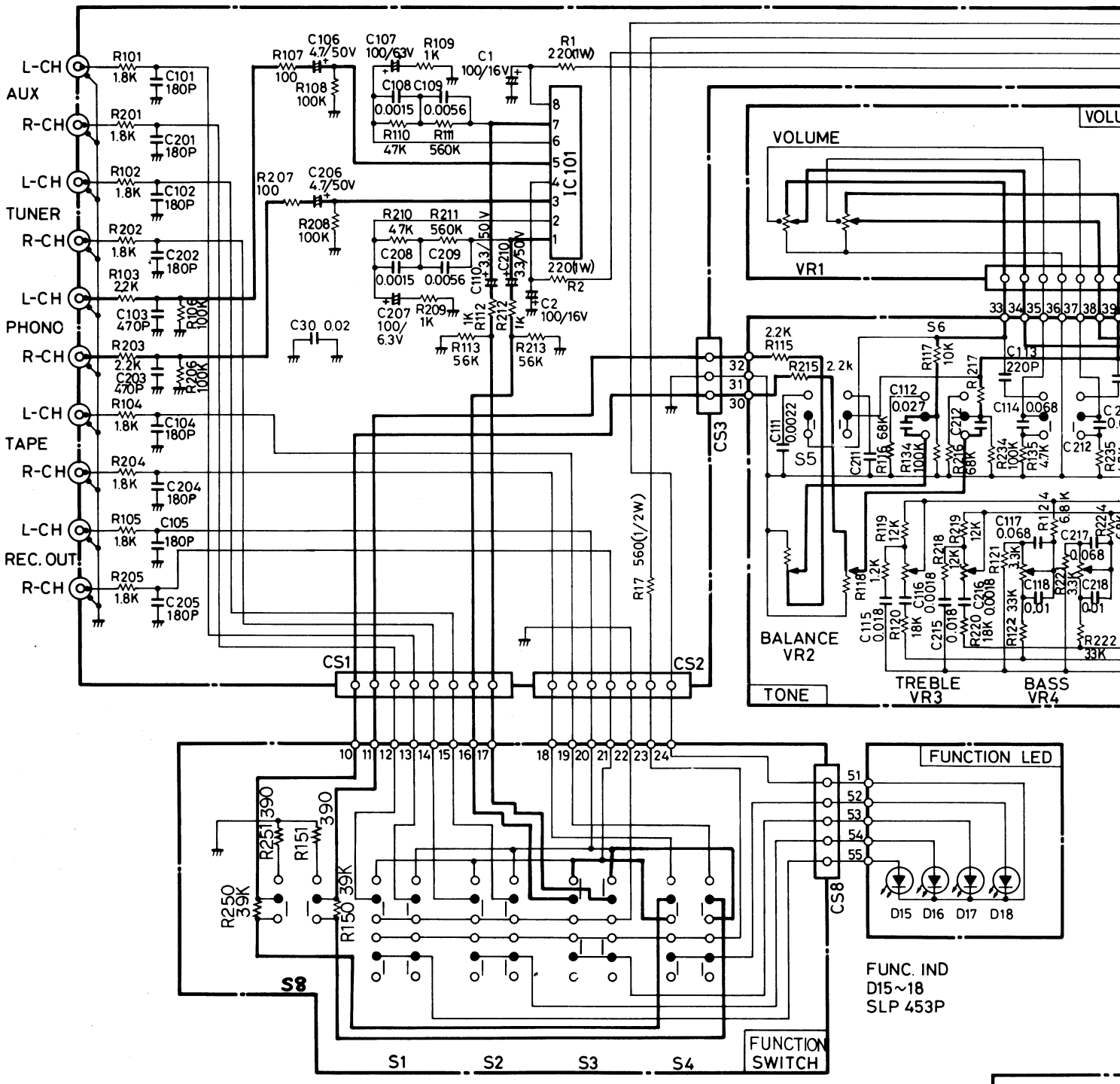
Connections

Socket	Input/ Output/ Type	Impedance	Level
Headspeaker (phones)	O/Ø6.3	(8 -2kΩ)	
Speaker	O/Clamp	8	
Phono (magn)	I/Chinch	47 kΩ	2.5 V
Tuner	I/Chinch	47 kΩ	150 mV
AUX/CD	I/Chinch	47 kΩ	150 mV
Tape in	I/Chinch	47 kΩ	150 mV
Tape out	O/Chinch	1 kΩ	500 mV
Power RH152	O/Coax	-	13.5 V
Power RC152	O/Coax	-	13.5 V

Ausgabe 432

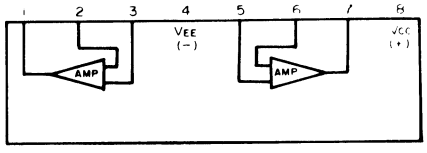
Ident-Nr. 53 5087

PHONE EQ AMP
IC101 M5218L



	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
IC 101	-0.5	0	0	-15	0	0	-0.5	15										
IC 102	-0.2	-0.2	0	-20	-1.4	2.2	-30	-30.5	-31	0	31	30	0	-31	-1.4	0	-0.2	-0.2
IC 103	23	1.2	13.5															

M5218L



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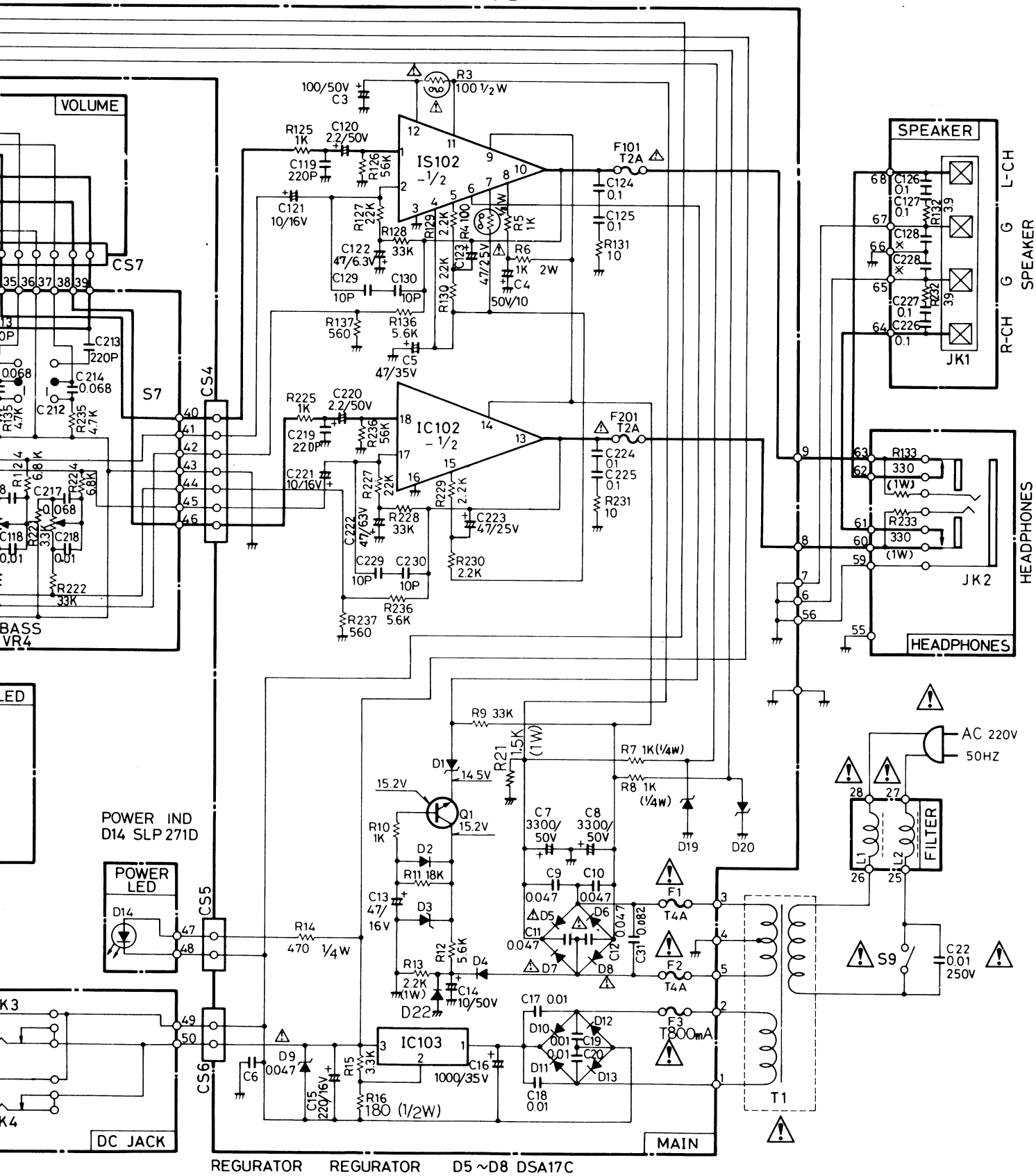
POWER AMP
IC102 STK 4131II

RV 152



REGURATOR	REGURATOR	D5 ~D8 DSA17C
Q1	IC103	D4.D10~D13 DS135DKB1
2SC536	L7812	D3.19.20 GZA 15Y
		D1 GZA 12Y
		D9 GZA 15Y
		D2.21.101.201 DS442

Einbau/Ausbau

Gehäusefront:

Abdeckung - sieben Schrauben
Bodenblech - sechs Schrauben
Lautstärke - Blance - Klangregelungsknopf
Steckverbindung an der Funktions-schalterplatine

Verstärker-Netz-Buchsenplatine:

Steckverbindung
Wärmeableitung - zwei Schrauben
Chinchbuchsen - vier Schrauben
Verstärker-Netz-Buchsenplatine - drei Schrauben

Assembly/Disassembly

Front panel:

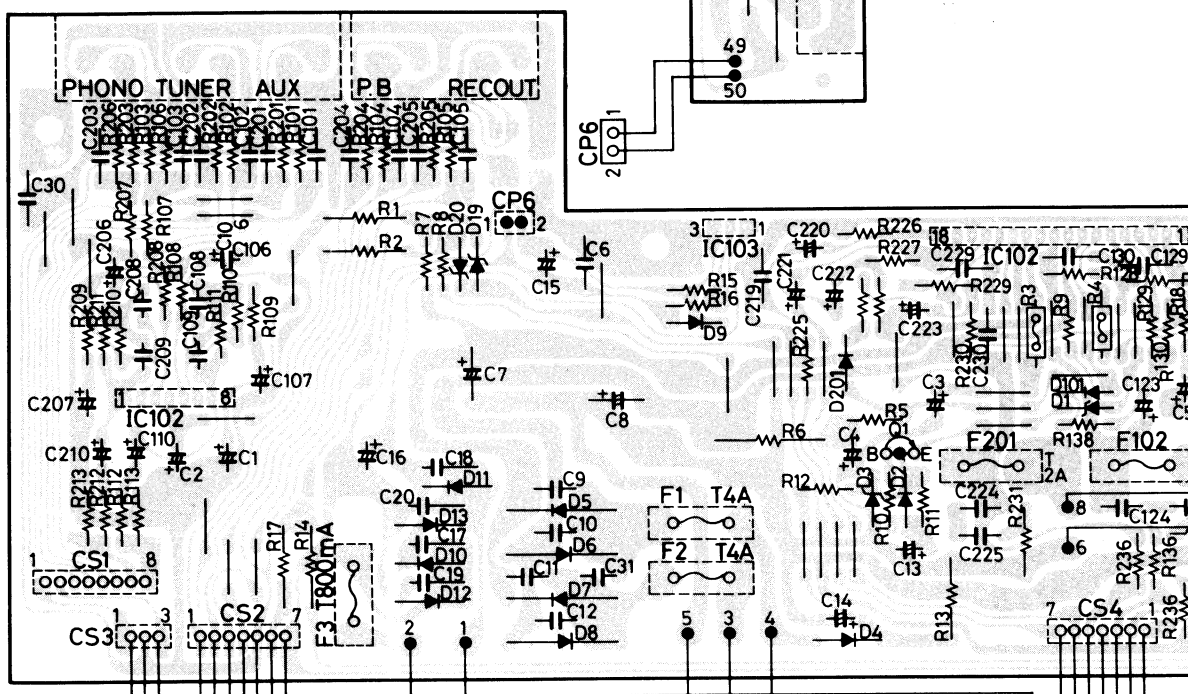
Top lid - seven screws
Bottom case - six screws
Volume - Tone - Balance knob
Connector on function switch p. C. b.

Main p.c.b.:

Counector
Heat siuk's bracket - two screws
Rca jacks - four screws
Main p.c.b. - tree screws

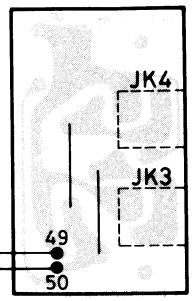
Verstärker-Netz-Buchsenplatine
Main p.c.b.

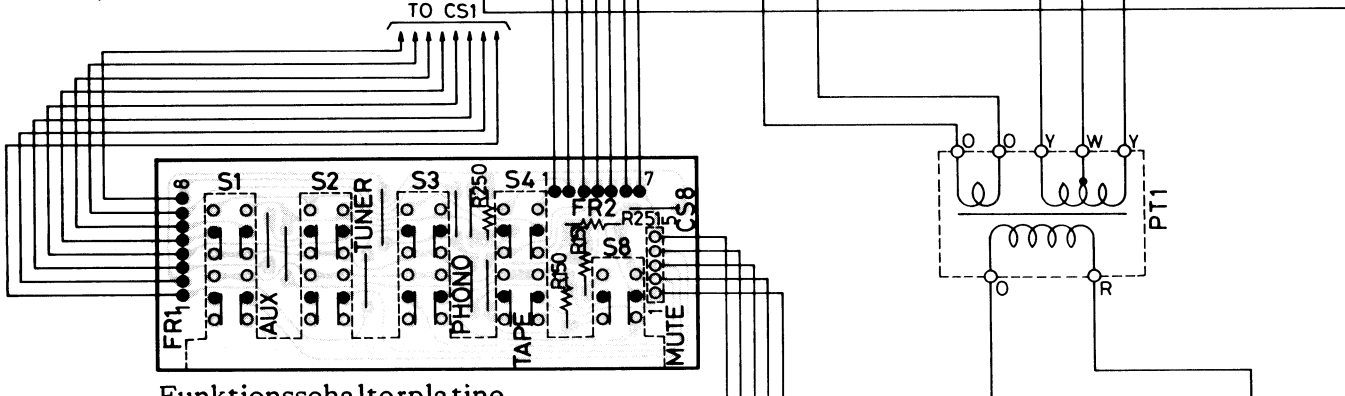
Ident-Nr. 75 2187
R-4175257-1



DC-Buchsenplatine
DC-jack p.c.b.

Ident-Nr. 72 7856
R-4175258-4



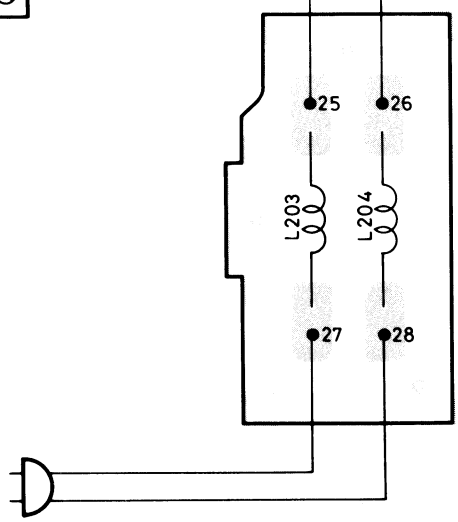


Funktionsschalterplatine
Function switch

Ident-Nr. 75 2190
R-4175257-2

Funktions-LED-Platine
Function LED p.c.b.

Ident-Nr. 75 2191
R-4175258-2

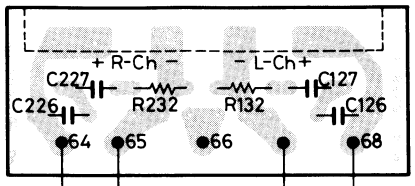


Filterplatine
Filter p.c.b.

Ident-Nr. 75
R-4174869

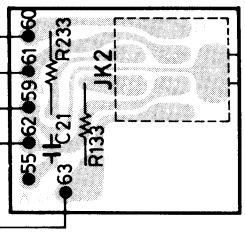
Buchsenplatine
jack p.c.b.

t-Nr. 72 7856
175258-4



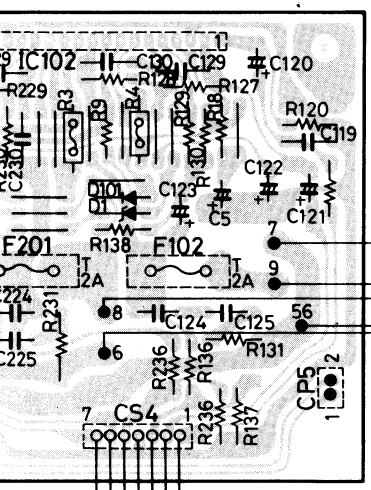
Lautsprecheranschlußplatine
Speaker p.c.b.

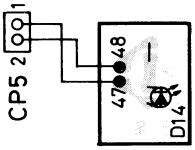
Ident-Nr. 72 7857
R-4175258-3



Kopfhörerbuchsenplatine
Headphones p.c.b.

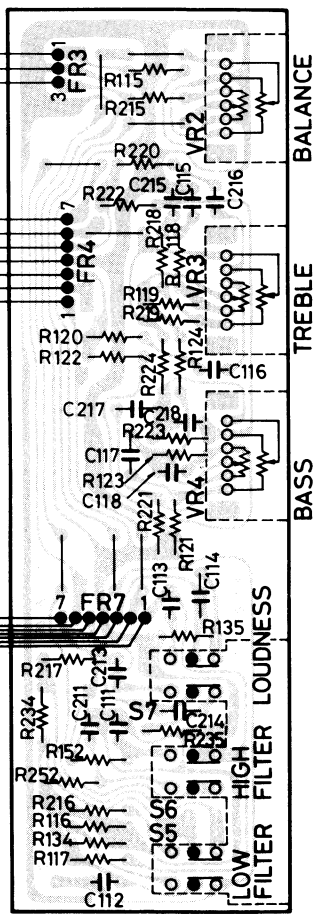
Ident-Nr. 72 7858
R-4175257-3





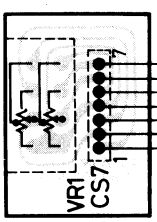
Netzanzeigeplatine
Power-LED-p.c.b.

Ident-Nr. 75 2192
R-4175257-4



Klangregelplatine
Tone p.c.b.

Ident-Nr. 75 2188
R-4175258-1



Lautstärkepoti p.c.b.
Volume p.c.b.

Ident-Nr. 75 1189
R-4175258-5

Filterplatine
Filter p.c.b.

Ident-Nr. 75 2193
R-4174869